



**Part Number :** [1724580612](#)  
**Product Description :** EXTreme Ten60Power  
Panel-to-Board Right-Angle Plug Assembly  
with Guide Pins, 3 Power Circuit, 12 Signal  
Circuits, 3 Power Circuit  
**Series Number :** 172458  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles



Documents & Resources

**Drawings**  
[1724580612\\_sd.pdf](#)  
[PK-46437-003-001.pdf](#)

**3D Models and Design Files**  
[1724580612\\_stp.zip](#)  
[SYM-172458-0612-001.zip](#)

**Specifications**  
[1724520000-AS-000.pdf](#)  
[PS-173693-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	172458
Description	EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 3 Power Circuit, 12 Signal Circuits, 3 Power Circuit
Application	Panel-to-Board, Power, Signal
Component Type	PCB Header
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	889056069663

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Current - Maximum per Contact	50.0A
Voltage - Maximum	600V AC / 250V DC

#### Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	200

First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Side, Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	25.473/g
Number of Rows	1, 3
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.84mm
PCB Retention	Yes
Pitch - Mating Interface	2.54mm, 7.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	3p - 12s - 3p
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Panel-to-Board Receptacle Housings	<u>172512</u>

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